

## Phospho-MSK1 (Thr581) Rabbit Polyclonal Antibody

### Catalog #: EAB13095

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, IHC-P, IF/ICC, ELISA	90	Human, Mouse

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>WB</b> (Western Blotting)	1:500-2000
<b>IHC-P</b> (Immunohistochemistry-Paraffin)	1:50-300
<b>IF/ICC</b> (Immunofluorescence/Immunocytochemistry)	1:50-300
<b>ELISA</b> (Enzyme-linked Immunosorbent Assay)	1:5000-20000

### Product Information

<b>Conjugate</b>	Unconjugate
<b>Specificity</b>	Phospho-MSK1 (Thr581) Rabbit Polyclonal Antibody detects endogenous levels of MSK1 only when phosphorylated at Thr581.
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1mg/ml
<b>Format</b>	Liquid
<b>Formulation</b>	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
<b>Shipping</b>	Gel Pack
<b>Storage</b>	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
<b>UniProt ID</b>	<a href="#">O75582</a>
<b>Entrez-Gene ID</b>	<a href="#">9252</a>

### Product Description

MSK1 (also designated RLPK) is related to Rsk and p70 S6 kinase family members and is thought to be structurally similar to Rsk family members, but it may be regulated by distinct mechanisms. Enables ATP binding activity and protein serine/threonine kinase activity. Involved in several processes, including histone-serine phosphorylation; positive regulation of histone modification; and regulation of transcription, DNA-templated. Located in cytoplasm and nucleoplasm.